

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018321**Date Inspected:** 26-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Sha Zhi**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld is identified as 3G-009 of BK004A3-014 for BK004A-014. The welder is identified as 062732. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2333-Tc-P4-F.

FCAW welding of weld is identified as 1G-004 of BK004A5-002 for BK005A-002. The welder is identified as 062761. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2331-Tc-P4-F.

FCAW welding of weld is identified as 2G-006 of BK4ASD1-014 for BK004A-014. The welder is identified as 062808. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-B-U2-F.

FCAW welding of weld is identified as 3F-033 of BK004A3-014 for BK004A-014. The welder is identified as 260562. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133.

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FCAW welding of Plug weld is identified as 1G-019 of BK004A2-006 for BK004A-006. The welder is identified as 058792. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-2-Plug.

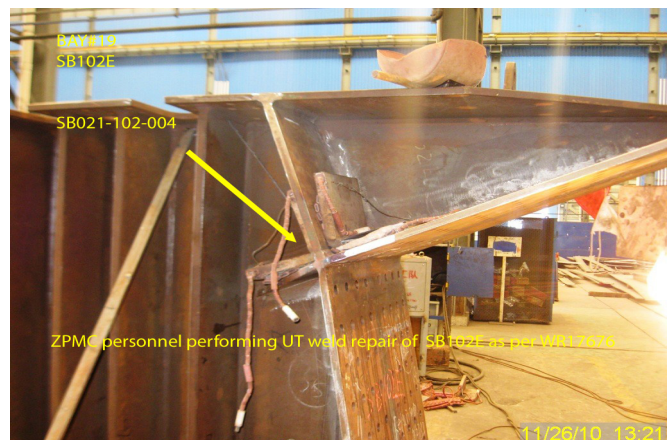
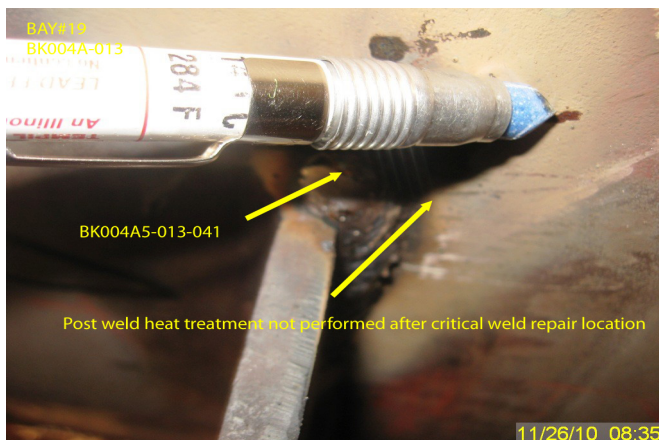
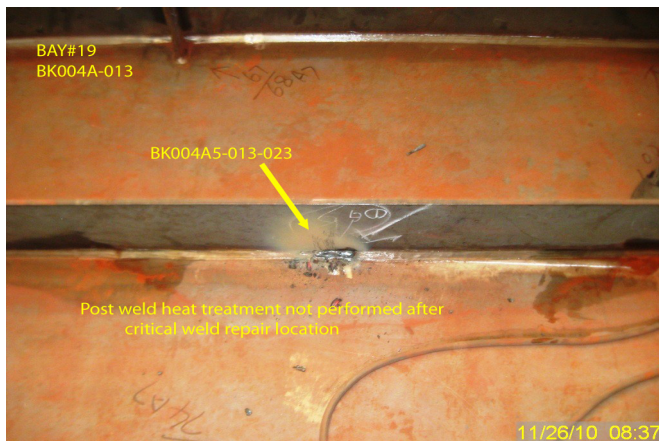
FCAW welding of weld is identified as 2G-004 of SB021-012 for SB102E. The welder is identified as 062783. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-2G-Repair.

FCAW welding of weld is identified as 2G-004 of SB024-108 for SB108W. The welder is identified as 062762. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc—U4b-F.

SMAW welding of critical repair weld is identified as 2F-041 of BK004A5-013 for BK004A-013. The welder is identified as 202338. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-SMAW-2F-Repair and B-CWR2290.

ZPMC personnel performing Heat straightening of Bike path bearing plate welds identified as BK004B-001 is appeared to comply with HSR1 (B)-9895 approved on 11-25-2010.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



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Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Kumar,Chadra | Quality Assurance Inspector |
| Reviewed By: | Patel,Hiranch | QA Reviewer |
